

TEAC[®]

51 cm colour television

DVTV5190F



OWNER'S MANUAL

IMPORTANT!

WARRANTY INFORMATION INSIDE. PLEASE READ

www.teac.com.au

TEAC WARRANTY REGISTRATION

Please read this warranty card.

Keep your purchase receipt to enable you to proceed quickly in the event of a Warranty Service.

Warranty Terms & Conditions

- TEAC warrants to the original retail purchaser only, that this product is free from defects in material and workmanship under normal domestic use and authorises free service during the warranty period at any TEAC Authorised Centre only. TEAC warranty only applies to products purchased, used and serviced in Australia.
- Subject to the terms herein, this warranty effectively covers the equipment as specified in the Warranty Periods Table from the date of purchase.
- All parts, except the external cabinet, are warranted as specified in Warranty Periods Table, and will be repaired or replaced at the sole judgement of TEAC.
- Normal customer maintenance as described in the owner's manual is not covered by this warranty (such as cleaning VCR heads etc.)
- This warranty does not apply to equipment showing abuse, damage or that it may have been tampered with, altered or repaired outside any TEAC Authorised Service Centre. If so, the warranty will be void.
***Your nearest Authorised TEAC Service Centre is listed in your Owners Manual**
- In the event that this unit or any defective parts must be returned to TEAC Service Centres, a copy of this warranty certificate and of your purchase receipt must be enclosed to be a valid warranty. Such equipment or parts must be sent freight prepaid to the nearest authorised TEAC Service Centre. After the repair, the unit will be available for collection by the owner or it will be returned to the owner. The warranty does not cover freight or insurance. In all cases of in-transit damages or loss, a claim must be filed against the carrier by the purchaser.
- In home service will only be provided as part of this warranty if all the following conditions are met;
 - The product is a Colour Television of 51cm screen size or over.
 - The product is within the warranty period.
 - The product is located within the normal service area of the local TEAC Service Provider.
 In any other situation or circumstance, where an in home service call is made, a service fee will be charged by the Service Provider.
- TEAC Total Care in home service and installation is available at competitive rates.
- No one is authorised to assume any liability on behalf of TEAC or impose any obligation on it, in connection with the sale of any equipment other than as stated in this warranty and outlined above.
- In no event will TEAC be responsible or liable for indirect or consequential damages from interrupted operations or other causes.
- Warranty is not transferable to any subsequent purchaser if the product is sold during the warranty period,

TEAC PRODUCT	WARRANTY PERIOD
Televisions / Plasma 106 cm and above	1 Year (In-Home Service Included)
LCD televisions 56 cm and above	1 Year (In-Home Service Included)
Televisions - 51 cm and above	1 Year (In-Home Service Included)
Televisions under 51 cm	1 Year (No In-Home Service)
Digital Set Top Boxes	1 Year (No In-Home Service)
VCR	1 Year (No In-Home Service)
DVD	1 Year (No In-Home Service)
Audio Systems	1 Year (No In-Home Service)

TEAC[®] WARRANTY PROCEDURES

Please keep this information for your own records.

Please refer to the owner's manual to ensure that you have followed the correct installation and operating procedures.

1. Read owner's manual carefully.
2. If you require Warranty Service, please contact the TEAC Service Center
3. Please have your purchase receipt as your proof of purchase and the following details completed for a valid Warranty.

Owner's Name		
Owner's Address		
		Postcode
Model Name/No.	Serial No.	
Dealer's Name		
Dealer's Address		
		Postcode

4. Please ensure that your product is packed appropriately upon return to the service center.

If you have any other queries regarding service or warranty please contact the **TEAC Service Centre** in your State.

TEAC[®]

info@teac.com.au
www.teac.com.au

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Safety and Precautions

To ensure safe and reliable operation of the TV set ,please observe the following precaution, operation and maintenance.

Attention:

- 1.Pay attention to the power supply cord before installing the TV set. Do not hang anything on the cord, and avoid treading on the cord.
- 2.The slots on the housing back are designed for ventilation to ensure reliable operation of the TV set and prevent overheating. They must never be covered or blocked. The TV set must not be placed near a heat source or it might be damaged.
- 3.The outdoor antenna must not be erected close to HV lines or other power supply lines. Use extreme care when erecting the antenna and not to touch live wires or injury may occur.
- 4.This TV set can only use the supply voltage and frequency indicated on the back of the housing. If your power supply does not comply with them, please consult with the service personnel.
5. Do not let any object fall into the ventilation openings of the TV set housing, nor let any liquid flow into the machine via the openings.
6. Do not subject the TV set to rain, or use it in a damp environment. When cleaning dust, be sure to remove the power supply plug from its socket first. Do not clean the housing directly with liquid detergent, use a damp cloth. Be sure to remove the power supply plug from its socket and remove the antenna plug during a thunderstorm or when it will not be used for long time, to avoid components being damaged by lightning.
7. If you use an indoor antenna, do not let it touch any electrical appliance, or normal reception of TV programs may be affected.

Safety:

- 1.Do not remove the back of the housing by yourself, as high voltages inside the unit are dangerous. If it is necessary to open the back, ask a technician with specialized service experience.
- 2.Remove the power supply plug from its socket in case of the following conditions, and consult with service personnel.
 - (1)The power cord or plug are damaged or shows cracking.
 - (2)Any object has fallen into or liquid flown into the TV set.
 - (3)The performance of TV set has deteriorated significantly or there is damage on the housing.
 - (4)The TV set will not operate normally according to the instructions.
- 3.Please remove the power supply plug from its socket when the TV set will not be used for a long period of time.

CAUTION:

Use of controls, adjustments or procedures other than those specified herein may result in hazardous radiation exposure.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER(OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, with an equilateral triangle is intended to alert the user to the presence of Uninsulated “dangerous voltage” Within the product’ s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to the person.



The exclamation mark within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

This appliance has a serial number on the rear panel. Please record the serial number and retain it for your records.

Serial Number: _____

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

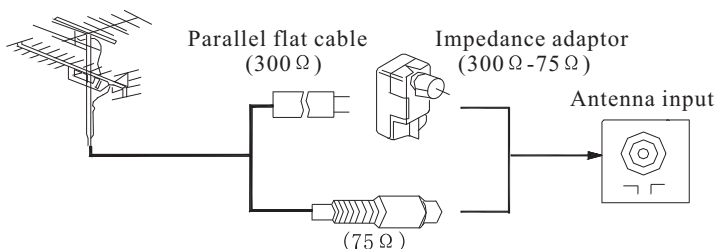
Installation

1. First read carefully the relevant instructions in “Safety and precautions” .
2. Place the TV set in a room where there is no direct sunlight on it. Any light reflecting from the screen will cause fatigue of your eyes.
3. Use gentle indirect lighting for comfortable watching. The best distance of watching is 5~7 times the screen height.
4. Keep a space of 10cm or over between the TV set and wall for good ventilation.
5. Never put the TV set in a place with excessive temperature or moisture, to avoid damage or failure of its components.

Automatic demagnetizing

A color TV set is likely to be affected by magnetic fields causing color distortion. If the TV set is moved while on, turned on or affected by a magnetic object nearby, turn off the power supply and wait for at least 1 hour before turn it on. That is to ensure that the automatic demagnetizing circuit will operate eliminating adverse effects of magnetism on color purity.

Antenna connection



For good reception use an outdoor antenna. The recommended type and location of antennas varies between different areas.

Notes:

1. Connect the outdoor antenna as shown above.
2. It is suggested to use 75 Ω coaxial cable to eliminate interference or noise.
3. The cable must not be tied together with supply cords.

Preparing the remote controller

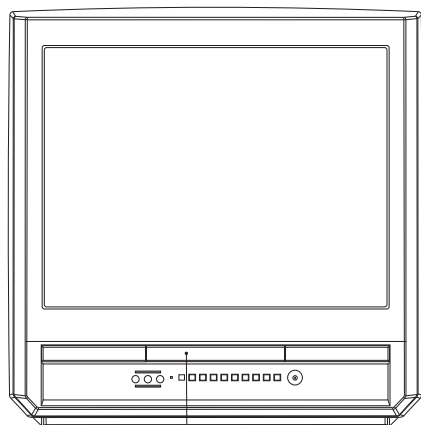
- 1 Remove the battery cover of remote controller.
- 2 Load two AA type batteries into the chamber observing the correct polarity.

Precautions operating the remote controller

1. Direct the remote controller to the infrared receiver window of the TV set.
2. Do not press the keys on the remote controller continuously.
3. If the remote controller will not be used for long time or if the batteries have depleted, please remove them to prevent leaking.
4. Never throw batteries into fire and properly dispose of the used batteries.
5. Take care not to drop, damp or dismantle the remote controller.

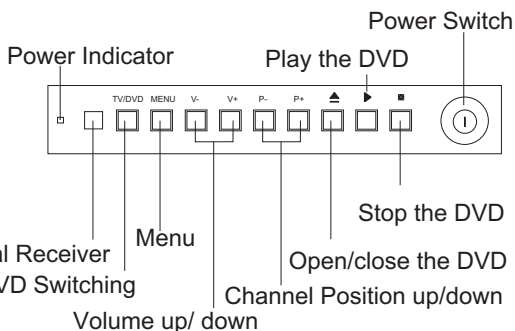
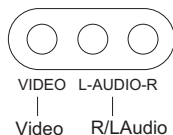
Function Buttons and External Sockets

Front panel the TV set

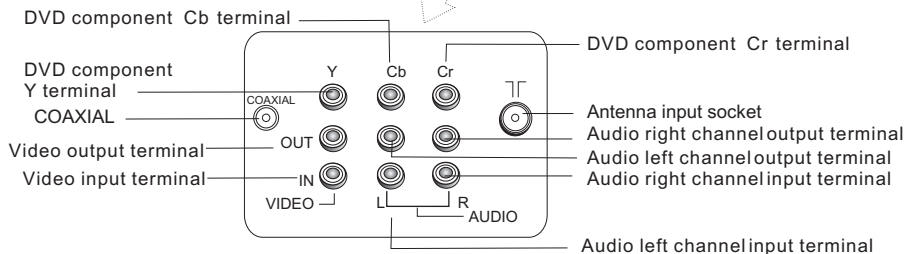
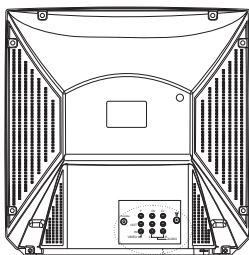


The DVD Player

Front AV

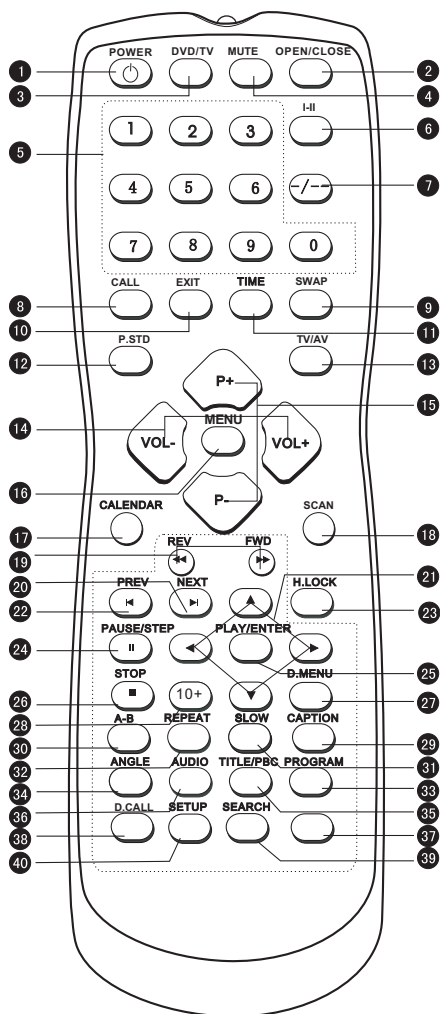


Rear panel of the TV set

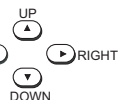


Using the Remote Control

Buttons on the remote control



- 1 Stand By
- 2 DVD Open/close
- 3 TV/DVD
- 4 Mute
- 5 Number Buttons
- 6 (Not available)
- 7 Digital Selector
- 8 Call Screen Display
- 9 Former Program
- 10 Exit TV Menu
- 11 Time Menu
- 12 Picture Mode
- 13 TV/AV Exchange
- 14 Volume Adjust
- 15 Channel Selection
- 16 TV MENU
- 17 Calendar
- 18 Scan through TV channels
- 19 DVD FAST REVERSE / FAST FORWARD
- 20 DVD NEXT
- 21 DVD Cursor Move button
- 22 DVD PREVIOUS
- 23 H.LOCK
- 24 DVD PAUSE/STEP
- 25 DVD PLAY/ENTER
- 26 DVD STOP
- 27 DVD MENU
- 28 10+
- 29 DVD SUBTITLE
- 30 DVD A-B REPEAT
- 31 DVD SLOW
- 32 DVD REPEAT
- 33 DVD PROGRAM
- 34 DVD ANGLE
- 35 DVD TITLE
- 36 DVD AUDIO
- 37 (Not available)
- 38 DVD Status display CALL
- 39 DVD SEARCH
- 40 DVD SETUP



Switching on/ off the TV set

- This section explains the use of the power button and remote handset to turn your unit on and off.

Switching the TV set on/ off



Switching the TV set on/ off

1 Press the AC power switch on the front of the TV. The power indicator will light.

2 If the indicator is lighting in red, press the button  on the remote control again.

Note:

1 When you can't operate the TV set with a remote control, you can turn it on by pressing the P+/- buttons on the TV set (Child Lock must be turned off).

4
AUTO
BG

2 If you want to change to standby mode, press down the button  on the remote control. Press again to switch back on.

3 If you want to fully switch off the power supply for the TV set, please press the power switch button on the front panel.

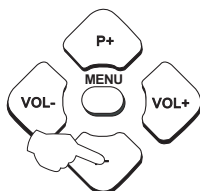
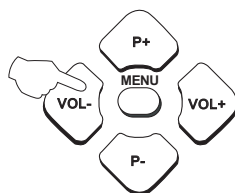
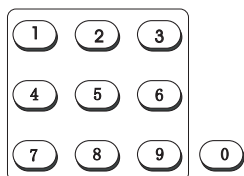
Auto switch off function

If transmissions are finished for the day, the Automatic Power Off feature will put the TV to standby automatically. The Automatic Power Off feature will not operate in AV mode or when the background is set to off (see page 18).

Watching TV

- You can watch a TV program on a channel which has been tuned to a broadcast.

Watching TV programs



How to select TV program

Select the desired program

1 Using number buttons

- Directly enter the channel number with the numeric keypad on the remote control.
- To select channel numbers between 10 ~ 99 press [-/--] button and enter the two digit channel number
To select channel numbers between 100 ~ 218 press [-/--] button twice and enter the 3 digit channel number

2 Using the P+/- buttons

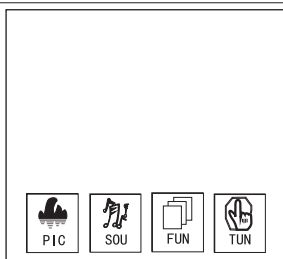
- Press the P+ button to increase channel number.
- Press the P- button to decrease channel number.

Select the desired sound

Press the VOL-/+ buttons on the remote or the front of the TV set to adjust the volume level. The range is 0~100. When the volume buttons are pressed the volume level is displayed automatically on the TV screen.

How to select the menu

Press the MENU button and the menus will appear at the bottom of the screen. The PIC icon will initially be flashing. Each subsequent press of the menu button will highlight SOU (sound), FUN (function), TUN (tuning) icons respectively. Press the P- button to display the appropriate menu. Press EXIT to exit.



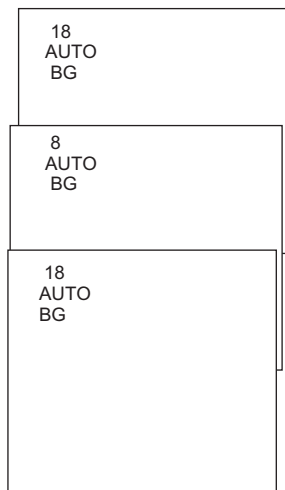
Watching TV (continued)

- Press the SWAP button to select the channel you were watching previously.
- Auto scan function scans through all programs in memory including those with "skip" set to "off" (see "Program skip" on page 12).

Program swap and auto scan functions

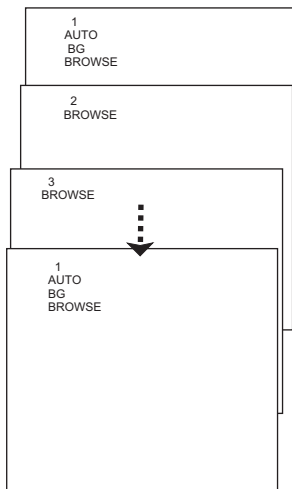
Program swap

Press the SWAP button to select the channel you were watching previously.



Auto program scan

1 Press the SCAN button to scan through all the memorised TV programs. The scan will pause for about 2 seconds on each channel.

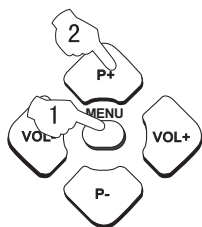


2 If you want to stop the function during auto tuning, simply press the SCAN button again.

Searching channel

- This TV set has three methods to set the channels, which are respectively full automatic, semi-automatic and manual fine tune.
- In this section, how to use the remote control to set the channel is explained. You can also use the buttons on the TV set to set channel.

Full automatic mode



Automatic search

1 Press the **MENU** button. The **MAIN MENU** will appear with the **PIC** (picture) icon flashing. Press the **MENU** button a further 3 times until the **TUN** (tuning) icon is flashing. Press **P-** to enter the **TUNING** menu.



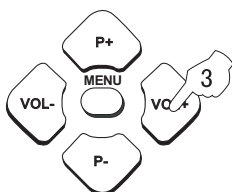
PROG NO
ORGANISE
SEARCH
FINE TUNE
AUTO SEARCH
▲ ▼

2 Press the **P+/-** buttons to select "AUTO SEARCH".



PROG NO
ORGANISE
SEARCH
FINE TUNE
AUTO SEARCH
▲ ▼

3 Press the **VOL+** button to start automatic search function operates. All channels that are locally available will be preset in the order that they are found. Depending in which location you are, this is generally not in the order you expect. Please see Page 20 (Organise).



6

AUTO SEARCH
152.25MHz



Display function

Press the **CALL** button, then the channel number and the systems will be displayed on the screen.



3
AUTO
BG

Searching channel

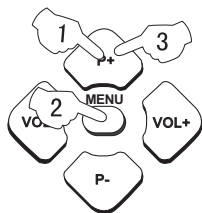
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Semi-automatic search

Semi-automatic search

1 Press the P+/- buttons or the PROGRAMME NUMBER (0-9) to choose the desired channel (e.g. Channel 1).

1
AUTO
BG



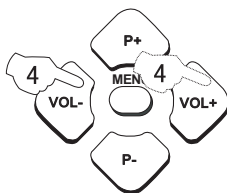
2 Press the **MENU** button. The *MAIN MENU* will appear with the *PIC* (picture) icon flashing. Press the **MENU** button a further 3 times until the *TUN* (tuning) icon is flashing. Press **P-** to enter the *TUNING* menu.

3 Press the P+/- buttons to select "SEARCH".



PROG NO
ORGANISE
SEARCH
FINE TUNE
AUTO SEARCH
▲ ▼

4 Press the VOL- button to search downwards or the VOL+ button to search upwards.



6

SEARCH
152.25MHz



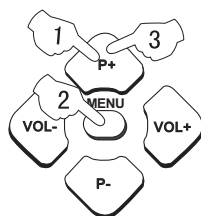
To turn off the on-screen menu

In general, after you press the MENU button, the menu item display (PIC, SOU, FUN, TUN) will automatically disappear within 30 seconds. If you want to eliminate these contents immediately, please press the EXIT button.



(Continued)

Manual fine tune



Manual fine tune

If the picture and/or sound are poor, try using the FINE TUNE feature. Do not use this feature unless reception is poor.

1 Press the P+/- buttons or PROGRAM NUMBER (0-9) button to choose the desired channel (e.g. channel 1).

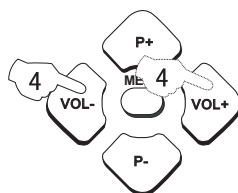
1
AUTO
BG

2 Press the **MENU** button. The *MAIN MENU* will appear with the *PIC* (picture) icon flashing. Press the **MENU** button a further 3 times until the *TUN* (tuning) icon is flashing. Press **P-** to enter the *TUNING* menu.

3 Press the P+/- buttons to select " FINE TUNE".



PROG NO
ORGANISE
SEARCH
FINE TUNE
AUTO SEARCH



4 Use the Vol/+ buttons to manually fine tune the station until the best picture and sound are obtained.

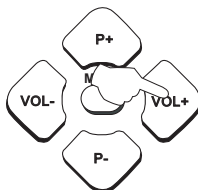
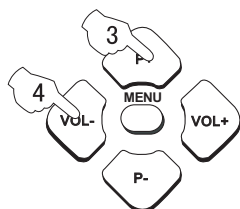
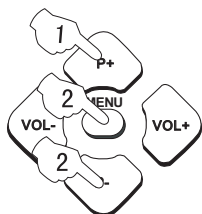
5

FINE TUNE
152.25MHz

Searching channel

(Continued)

Program skip



Program skip

Channels can be set so that they are skipped during program selection.

1 Press the P+/- buttons or PROGRAM NUMBER (0-9) button to choose the desired channel (e.g. channel 1).

1
AUTO
BG

2 Press the **MENU** button. The *MAIN MENU* will appear with the *PIC* (picture) icon flashing. Press the **MENU** button a further 3 times until the *TUN* (tuning) icon is flashing. Press **P-** to enter the *TUNING* menu.

3 Press the P+/- buttons to select "SKIP".

4 Press the VOL-/+ buttons to turn the SKIP function "ON".

5 Press the EXIT button to close the menu. When you use the P+/- buttons to select channel, this channel will be skipped. However, you can still use the PROGRAM NUMBER buttons to select the skipped channel numbers.



SKIP
PROG NO
ORGANISE
SEARCH
FINE TUNE



OFF

If you want to recover the skipped channel

1 Use the PROGRAM NUMBER buttons to select the channel number to be recovered.

2 Repeat steps 1-3 above.

3 Press the VOL-/+ buttons to turn the SKIP function "OFF".

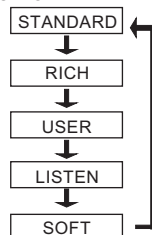
Convenient picture and sound control functions

Multiple picture modes



How to select picture modes

You can quickly select the desired picture mode from four preset modes and one customized mode. Press the P.STD button to select the desired picture quality. Five kinds of picture modes (i.e., "STANDARD", "RICH", "USER", "LISTEN", "SOFT") can be selected in turn.



The 5 modes are

Listen-This is a new feature that blacks out the TV screen when listening to music only channels;

Soft-Designed for night time low light viewing;

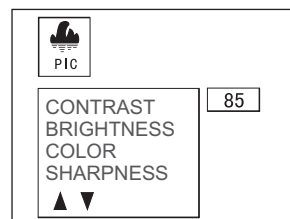
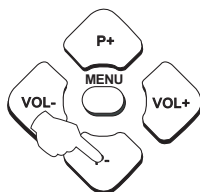
Standard -Designed for rooms that have good all round lighting;

Rich-Designed for rooms with high ambient lighting such as daytime sport;

User-A spare setting that can be adjusted to personal tastes.

How to customize your own picture status

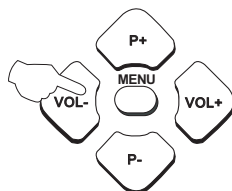
1 Press the **MENU** button. The **MAIN MENU** will appear with the **PIC** (picture) icon flashing. Press **P-** to enter the **PICTURE** menu.



2 Press the P+/- buttons to select the item to be adjusted, then press the VOL-/+ buttons to obtain the desired effect.

ITEM	Press VOL-	Press VOL+
CONTRAST	Weak	Strong
BRIGHTNESS	Dark	Bright
COLOUR	Shallow	Deep
SHARPNESS	Soft	Sharp
*Hue	lean to purple	lean to green

Note: The "Hue" item only appears when the colour system is NTSC.



Convenient picture and sound control functions

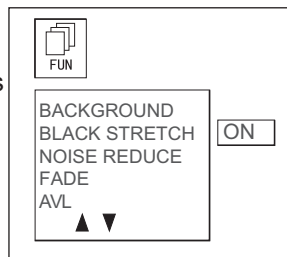
(Continued)

- **Black Stretch** Automatically increases the contrast range
- **Noise Reduce** Picture Noise & Grain Reduction Circuit. (Use only on poor reception)

Black stretch and noise reduce

How to select BLACK STRETCH

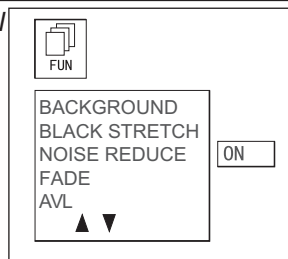
1 Press the **MENU** button. The **MAIN MENU** will appear with the **PIC** (picture) icon flashing. Press the **MENU** button a further 2 times until the **FUN** (function) icon is flashing. Press **P-** to enter the **FUNCTION** menu.



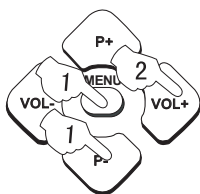
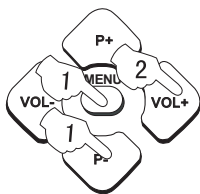
2 Press the **P+/-** button to select "BLACK STRETCH". Press the **VOL-/+** buttons to turn it "ON" or "OFF".

How to select NOISE REDUCE

1 Press the **MENU** button. The **MAIN MENU** will appear with the **PIC** (picture) icon flashing. Press the **MENU** button a further 2 times until the **FUN** (function) icon is flashing. Press **P-** to enter the **FUNCTION** menu.



2 Press the **P+/-** buttons to select "NOISE REDUCE". Press the **VOL-/+** buttons to turn it "ON" or "OFF".



Convenient picture and sound control functions

(Continued)

Mute and Fade



Sound mute

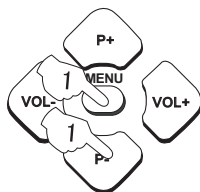
1 Press the MUTE button on the remote control to turn off the sound. MUTE will appear on the top left of the display.

MUTE

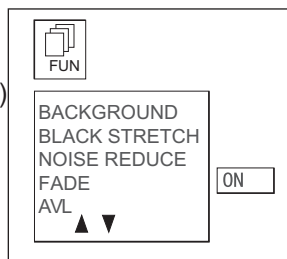
2 Press MUTE again to turn the sound back on.

Fade

When FADE is turned on, the TV will protect the tube by fading the picture in when the TV is switched on, and fading the picture out when the TV is switched off.

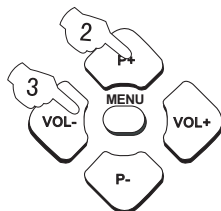


1 Press the **MENU** button. The *MAIN MENU* will appear with the *PIC* (picture) icon flashing. Press the **MENU** button a further 2 times until the *FUN* (function) icon is flashing. Press **P-** to enter the *FUNCTION* menu.



2 Press the P+/- buttons to select FADE.

3 Press the VOL-/+ button to turn the FADE function "ON" or "OFF"



Clock setting and timer on/off functions

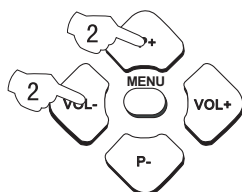
Clock setting

The clock will only work if the TV set is left turned on or in standby. When the set is disconnected from the power supply or is turned off by the main power on the front panel, the clock loses power and will need to be reset when the power is reconnected.



1 Press the TIME button, and the TIME menu appears on the screen.

TIME	
CLOCK	17:18
ON TIME	18:00
ON PROG	1
OFF TIME	--:--
SLEEP TIME	0
REMIND TIME	--:--
REMIND PROG	1



2 Press the P+/- buttons select "CLOCK", then press the V -/+ buttons to adjust the time in hour position; press again the P+/- buttons to select the time in minute position, then press the VOL- / + buttons to adjust the value of minutes .

On/off timer

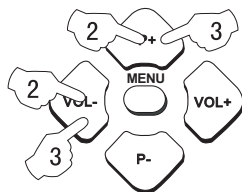
On-off time setting is cleared after timer operates.

Using on/off timer function, the TV set can automatically turn on to a preset program or shut down at a preset time.



1 Press the TIME button, and the TIME menu display on the screen.

TIME	
CLOCK	17:18
ON TIME	18:00
ON PROG	1
OFF TIME	--:--
SLEEP TIME	0
REMIND TIME	--:--
REMIND PROG	1



2 Press the P+/- buttons to select "ON TIME", then press the VOL-/+ buttons to set the value in hour position; press again the P+/- buttons to select the minute position and set the value of the minute (take 18:00 as an example).

3 Press the P+/- buttons to select "ON PROG", then press the VOL-/+ or program number buttons to select your desired channel (take 8 as an example).

TIME	
CLOCK	17:18
ON TIME	18:00
ON PROG	8
OFF TIME	23:00
SLEEP TIME	0
REMIND TIME	--:--
REMIND PROG	1

4 Repeat step 1-2 to set OFF TIME (take 23:00 as an example).

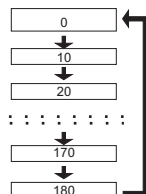
Time functions

(Continued)

Sleep timer and program preset

Sleep timer

The sleep timer switches the set to stand-by after the sleep time has elapsed. Sleep time can be set in 10 minute intervals up to 180 minutes, as shown in the illustration. Setting the sleep time to zero turns off the sleep timer.



1 Press the TIME button, and the TIME menu appears on the screen.

2 Press the P+/- buttons to select "SLEEP TIME".

3 press the VOL-/++ buttons to set the value of the SLEEP TIMER.

TIME	
CLOCK	17:18
ON TIME	18:00
ON PROG	8
OFF TIME	23:00
SLEEP TIME	120
REMIND TIME	--:--
REMIND PROG	1

REMIND PROG function

Program remind timer, that can automatically change channel when a program on a different channel is due to start.

1 Press the TIME button, and the TIME menu display on the screen.

2 Press the P+/- buttons to select "REMIND TIME", then press the VOL-/++ buttons to set the value in hour position; press again the P+/- buttons to select the minute position, and then set the value of the minute (take 19:00 as an example).

3 Press the P+/- buttons to select "REMIND PROG", then press the VOL-/++ buttons or the program direct number buttons to set the desired channel (take 18 as an example).

NOTE: For REMIND PROG to operate CHILD LOCK must be turned off.

TIME	
CLOCK	17:18
ON TIME	18:00
ON PROG	8
OFF TIME	23:00
SLEEP TIME	120
REMIND TIME	19:00
REMIND PROG	1

TIME	
CLOCK	17:18
ON TIME	18:00
ON PROG	8
OFF TIME	23:00
SLEEP TIME	120
REMIND TIME	19:00
REMIND PROG	18

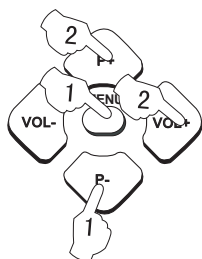
Set up function

Screen saver and Calendar

How to start screen saver function

When the background function is ON a bouncing 'NO SIGNAL' will be displayed on a blue background.

NO SIGNAL



1 Press the **MENU** button. The *MAIN MENU* will appear with the *PIC* (picture) icon flashing. Press the **MENU** button a further 2 times until the *FUN* (function) icon is flashing. Press **P-** to enter the *FUNCTION* menu.

2 Press the **P+/-** buttons to select **BACKGROUND**. Then press **VOL+/-** to turn the **BACKGROUND** function ON or OFF.



BACKGROUND
BLACK STRETCH
NOISE REDUCE
FADE
AVL

ON



Calendar function

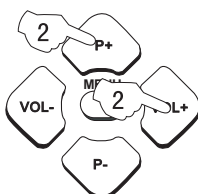
1 Press the **CALENDAR** button. The calendar menu will be displayed on the screen.

The date on the top line is in Year / Month / Day format.

2 Press the **P+/-** buttons to highlight the year, month or day number. Press the **VOL+/-** buttons to set or change each number.

SOLAR 2001 11 14

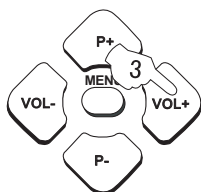
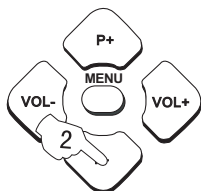
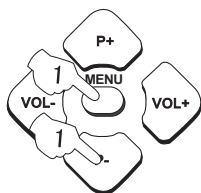
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	



Press EXIT or wait a minute for the calendar to disappear.

Set up function (Continued)

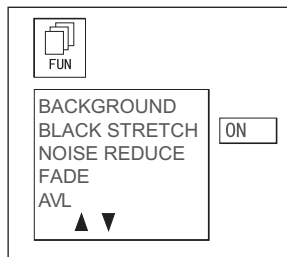
AVL



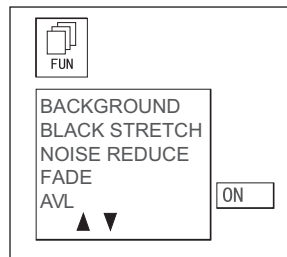
AVL function

Automatic Volume Level control reduces the effect of large volume changes. For instance, when advertisements come on.

1 Press the **MENU** button. The **MAIN MENU** will appear with the **PIC** (picture) icon flashing. Press the **MENU** button a further 2 times until the **FUN** (function) icon is flashing. Press **P-** to enter the **FUNCTION** menu.



2 Press the **P+/-** button to select "AVL".



3 Press **VOL-/+** button to turn the AVL function "ON" or "OFF".

ORGANISE

This feature enables TV programmes that may be on a wrong program number to be moved to another number.

This feature is very useful when Automatic Search Tuning has been used because programmes are stored in the order they are found, which is usually not the desired order.

When organising, it is best to start from the lowest programme number first.

1. Press the MENU button. The MAIN MENU will appear with the PIC icon flashing. Press the MENU button a further 3 times until the TUN icon is flashing. Press P- to enter the TUNING menu.



PROG NO
ORGANISE
SEARCH
FINE TUNE
AUTO SEARCH
▲ ▼

2. Press P+ or P- buttons to select ORGANISE. Press VOL+ to enter the menu.

(For Example) If the Automatic Search function has placed BBC1 on programme position 6 and you would like to move this so it appears on programme position 1.

3. Use P+ or P- to select "FROM".
4. Press VOL+ or VOL- to change the "FROM" programme number to 6.
5. Use P+ or P- to select "TO".
6. Press VOL+ or VOL- to change the "TO" programme number to 1.
7. Use P+ or P- to select "MOVE CHANNEL".
8. Use VOL+ or VOL- to perform the action.

ORGANISE

FROM 6
TO 1

MOVE CHANNEL

The diagrams below explain how the ORGANISE function affects other channels when position 6 is moved to position 1.

Start Position

Move FROM 6, TO 1

Other programmes move down to allow for space

P 01	Contents
P 02	Contents
P 03	Contents
P 04	Contents
P 05	Contents
P 06	Contents

P 01	Contents	Contents
P 02	Contents	
P 03	Contents	
P 04	Contents	
P 05	Contents	
P 06		

P 01	Contents	↓
P 02	Contents	↓
P 03	Contents	↓
P 04	Contents	↓
P 05	Contents	↓
P 06	Contents	↓

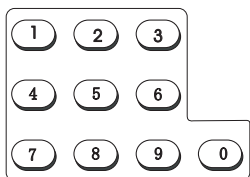
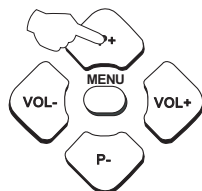
What was on programme position 6 is now on programme position 1.
All the other stored channels have now moved down 1 position so that now...
What was on programme position 1 is now on programme position 2.
What was on programme position 2 is now on programme position 3.
What was on programme position 3 is now on programme position 4.
What was on programme position 4 is now on programme position 5.
What was on programme position 5 is now on programme position 6.

Note: It needs some time to move two channels, please wait till the TV finishes the process.

Setting the Lock

- This TV set provides the option of locking various parts of the TV to guard against unauthorised viewing.

Changing your password



Changing your password

This TV set can set a four digit password, the original one is 0000, if you want to reset it, please follow the instructions below.

1 Press H.LOCK button, the screen will show as the form on the right.

INPUT PASSWORD ----

2 Press the 0 button four times, and enter the menu of LOCK setting. Press P+/- button and move the indicator to CHANGE PW., and press VOL+ button to enter the sub-menu of change password.

LOCK SET	
CHANGE PW.	
TUNING LOCK	OFF
PRESET PROG	1
AV LOCK	OFF
CHILD LOCK	OFF
MAX VOLUME	50
UNLOCK	

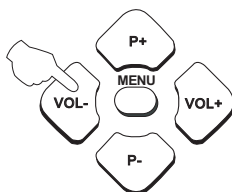
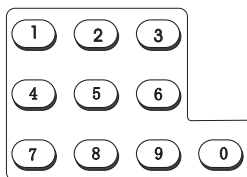
3 Press the PROGRAM NUMBER (0-9) button and input a four-digits password.

CHANGE PW.
NEW PASSWORD----
CONFIRM ----

4 After inputting your new password, please confirm it by keying it in again. You can now enter the lock settings using your new password.

Setting the Lock(continued)

Setting the Lock



Setting the Lock

There are TUNING LOCK, AV LOCK, and CHILD LOCK, etc., you can set it due to your need.

1 Press the H.LOCK button, the screen will show as the form on the right.

INPUT PASSWORD ----

2 Press the PROGRAM NUMBER (0-9) button 0 for four times (or input the password you set), and enter the LOCK menu.

LOCK SET	
CHANGE PW.	OFF
TUNING LOCK	OFF
PRESET PROG	1
AV LOCK	OFF
CHILD LOCK	OFF
MAX VOLUME	50
UNLOCK	

3 Press P+/- button, move the indicator to the lock function you require and press VOL+ or VOL- button to set it ON or OFF, change setting or activate it.

Description of each lock function

1. When the TUNING LOCK is set ON, if you want to enter the TUNING menu, you will have to type the password.
2. The PRESET PROG allows the TV to always be on the same channel when you turn it on.
3. When AV LOCK is set ON the AV channel cannot be used, hence the screen will indicate that AV has been locked.
4. When the CHILD LOCK is set ON, if the buttons on the TV are pressed, the screen will indicate that the TV set is in the status of CHILD LOCK, and the buttons won't work.
5. The MAX VOLUME allows you to set a figure for the top limit of volume. Volume control still shows 1-100 but volume level is scaled down.
6. The UNLOCK allows you to set all the lock to OFF and set the MAX VOLUME to 100.
7. If you forget your password or a password is accidentally set enter 9443 as the password. This will enable you to regain control.

Basic Playback

Preparations

- Press the DVD/TV button on the remote control or the TV to turn on the DVD player.

Basic playback

1. Press OPEN/CLOSE to open the disc tray, place a disc on the disc tray.

There are two different disc sizes. Place the disc in the correct guide on the disc tray. If the disc is out of the guide, it may damage the disc and cause the DVD player to malfunction.

- Do not place a disc which is unplayable in this DVD player (see "Playable discs").
2. Press OPEN/CLOSE to close the disc tray, the playback will automatically start.
 - Some discs do not start automatically. Press PLAY/ENTER to start playback.
 3. Some discs may start playback with a menu. Use the cursor buttons on the remote control to select menu options and press PLAY/ENTER to start. You may also press the digit buttons to select a menu option directly. Many DVDs will not allow this during start-up.

Pause playback

1. Press PAUSE/STEP to pause playback (still mode).
The sound will be muted during still mode.
2. Press PLAY/ENTER to resume normal playback.

Stop playback

1. Press STOP ■ button to go to stop mode, the TV screen will show the start logo. For some discs the player can recall the location where stopped, such as DVDs and audio CDs.
2. Press PLAY/ENTER to resume play-back from the location where playback was stopped.
3. Press STOP twice to stop completely.
Play must then resume from the title beginning.

Previous and Next

During Playing, pressing the PREV ◀ key will restart the current chapter and skip chapters backwards with each subsequent press until the start of the disc is reached.

Each press of NEXT ▶ key during playing will skip the current chapter and play the next one. In the case of CD audio, MP3 and photo discs the next track, song or photo is selected.

Fast forward and Fast reverse

1. Press FWD ►► to fast forward through the disc. Each time the FWD ►► button is pressed, the fast forward motion speed changes.
2. Press PLAY/ENTER to resume normal playback.
3. Press REV ◀◀ to fast reverse through the disc. Each time the REV ◀◀ button is pressed, the fast reverse motion speed changes.
4. Press PLAY/ENTER to resume normal playback.

Single step playback

1. When paused, press PAUSE/STEP repeatedly to single step forward frame by frame in the video.
2. Press PLAY/ENTER to resume normal playback.

Advanced Playback

Advanced Playback

IMPORTANT NOTE:

ALL DESCRIBED FUNCTIONS ARE FOR DVD DISCS. There will be some differences for other kinds of disc.

CAPTION

Press "CAPTION", the screen will display "SUBTITLE 01/XX XXXXX", "01" indicates the ordinal number of this language; "XX" indicates total number of language; "XXXXXX" indicates the language of country. (the number of language depends on disc). This function can select up to 32 languages displayed on screen.

REPEAT

Press "REPEAT" and Chapter repeat will be displayed on screen, the second press will display Title repeat, the third press will display All repeat, the fourth press will cancel this function.

A-B

Press "A-B" to begin start-point, press again to set an end point and complete setting. The selected section A-B will be repeated. The third press will cancel this function.

ANGLE

When enjoying sports, concert or theatre, press this key to watch same actions in different angles. (Valid for discs possessing this function) Using a disc recorded in multi-angle you can view the scene from different angles, for example, front, side, whole view and exterior scene.

D.MENU

Press this key to display root menu, select item according to your preference. (This function will work with a DVD having a multi-layer menu.)

D.CALL

Pressing this key will cycle through "title elapsed", "title remain", "chapter elapsed", "chapter remain" and "display off". Each displays the appropriate time information.

PROGRAM

When playing discs, press "PROGRAM" to enter program mode. Starting with program number "01" highlighted, press the digit buttons to select the title and chapter number that you want. When finished move the cursor to select "START". This will start the program playback.

SEARCH

Press "SEARCH" once to display the search menu. Press again to cancel. Use the UP/DOWN cursor buttons to select the item you require. Press PLAY/ENTER to confirm. To search chapters or tracks greater than 9 press 10+ button first to select first digit.

SLOW

Press SLOW to play a disc in slow forward. Each time the SLOW button is pressed, the slow motion speed changes.

Press PLAY/ENTER to resume normal playback;

Note: This function is invalid for CD and MP3.

TITLE/PBC

With some DVD discs pressing this key will display the title or playback control menu. You can then use the digit buttons to select the item you prefer.

AUDIO

Press this key can change the audio mode.

such as: Audio 1/2: AC 3 2 CH English

Audio 2/2: AC 3 5.1 CH English

For CD audio, press this button to cycle between Mono Left, Mono Right, Mix-Mono and Stereo.

Note: When press this button continuously, you must above 3 seconds interval.

Special Function Playback

JPEG DISC PLAYBACK

Users can record pictures from digital camera or scanner onto a CD-R or CD-RW disc using a personal computer, CD recording drive and suitable software. Be sure to use good quality recordable discs and trustworthy software with good instructions. Take care with recording settings: the disc must be recorded as data disc ISO9660 format, short file names (8 characters) are best, no multi-session and must be "finalised".

JPEG disc contains pictures in a compact file format which can be decoded by the DVD player and output for viewing and enjoyment on the television screen.

When a disc containing standard JPEG picture files is inserted into the player, a navigation menu will be displayed automatically. Use the UP and DOWN cursor buttons to select a file then press PLAY/ENTER. The slide show will commence. Press PREVIOUS or NEXT to move between pictures. Press pause to stop on the current picture. Press PLAY/ENTER to resume normal playing.

Press D.MENU to go back to folder and file view.

In the navigation menu you can open yellow folders containing files by moving the highlight onto them with the UP and DOWN buttons then pressing PLAY/ENTER.

Program button changes between folder and file list.
Some repeat functions can be used (see MP3 play).

Zoom functions are not included.

MP3 PLAYBACK

Take care when preparing MP3 discs on a computer with a CD recording drive in the same manner as for a JPEG disc (described above).

When playing an MP3 disc, a navigation menu will be displayed automatically. In the menu, use UP or DOWN cursor buttons to choose the folder, then press PLAY/ENTER to enter the folder. Use the UP and DOWN cursor buttons to select the file and press PLAY/ENTER. Pressing the LEFT cursor button will take you to the previous screen/menu.

Other functions available for MP3 discs -

- Press Search button and key in folder or song number
- Press Repeat button to get "repeat one" song, "repeat folder" (repeat all songs in current folder), "folder" (play songs in current folder then stop) and "single" (play just selected song).

SCREEN SAVER FUNCTION

This unit employs a screen saver mode to help protect the tube during static video pictures. This can be turned off on the GENERAL SETUP PAGE (see Pg. 28)

Special Function Playback(Continued)

Kodak Picture CD

A Kodak Picture CD has the size and shape of a regular CD. You can order a Kodak Picture CD simply by checking the box on the photofinishing envelope when you drop off a roll of film (35 mm or Advanced Photo System (APS) color print film) at the time of processing in Kodak Express store displaying "Kodak Picture CD" sign. When your order is returned, you receive your prints, negatives, and your full roll of pictures safely stored on your Kodak Picture CD. Each Kodak Picture CD brings you the tools to enhance, share and manage your pictures on your computer.

Playback

When a Kodak Picture CD is inserted in the player an automatic slide show is launched. Each picture in the Kodak Picture CD will be displayed consecutively in a slide-show fashion and will be scaled to fit in the whole TV screen.

To display an image indefinitely, press the "PAUSE" key.

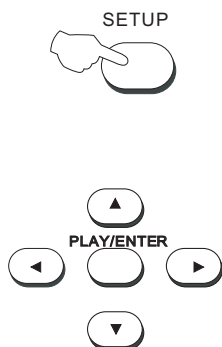
To resume the slideshow, press the "PLAY/ENTER" key.

To view the next or previous picture, press "NEXT" or "PREV" key.

After all the slide have played the screen displays the folder and file view of the folder containing the photographs. You can select a photo with the up and down DVD cursor buttons then press PLAY / ENTER resume the slide show from that point.

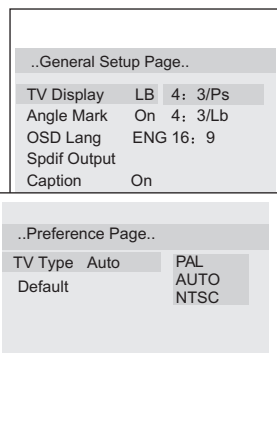
DVD System Setup

DVD System Setup



General Setup Process

1. Press the SETUP button, the General Setup Page, Preference Page will be displayed in turn.
2. Press **▲** or **▼** to select, the item, then press **▶** to enter the submenu.
3. Press **▲** or **▼** to select then press PLAY/ENTER to confirm.
4. Press EXIT key or press SETUP repeatedly to exit the set-up menus.



General Setup Page

ASPECT RATIO DESCRIPTION

When using the DVD with the internal TV, select 4: 3/LB.

The following information applies only when the DVD output is connected to an external TV.

- **4: 3/PS** (PS = Pan and Scan)

You may select if you have a normal aspect ratio (4:3) TV, although the NORMAL/LB (letter box) is a more common choice. In PS

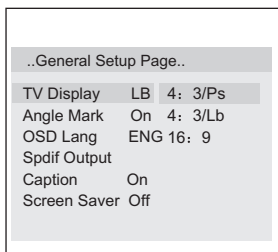
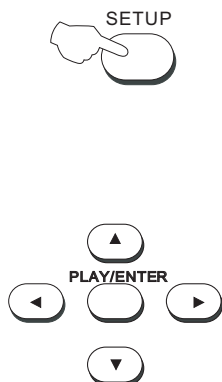
mode, widescreen material will fill the screen, but at the expense of chopping off extreme left and right edges of the original film picture. For this feature to work, the disc must be specially coded. Such discs are uncommon.

- **4: 3/LB** (LB = Letter Box)

You may select this if you have a normal aspect ratio (4:3) TV. Widescreen material will be shown in pure unaltered form, allowing the entire picture area of the original film to be viewed without any side cropping. Black bars will appear above and below the picture.

- **16: 9**

You may select this if you have a widescreen (16:9) TV. Black bars may still appear above and below the picture even if using a widescreen TV. This is because some film directors prefer to use ultra widescreen aspect ratios e.g. 2.35:1. This will normally be indicated on the DVD packaging.



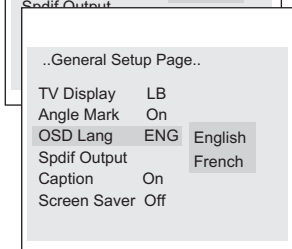
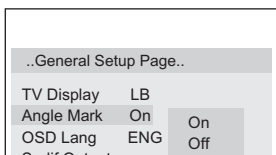
DVD System Setup(Continued)

DVD System Setup

General Setup Page

ANGLE MARK: Users can select a particular camera angle when playing a DVD which offers multiple angles.

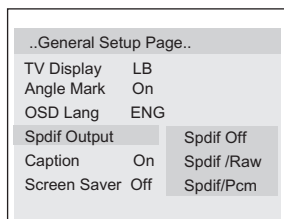
This item allows you to set Angle Mark ON or OFF.



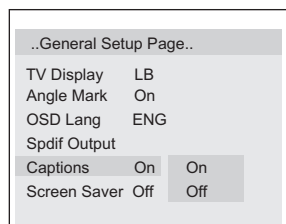
SPDIF OUTPUT MODE: Sets the audio outputs.

This DVD player includes three kinds of audio output:

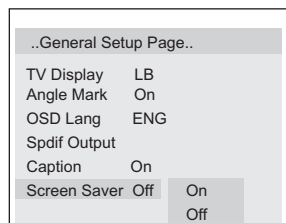
1. **SPDIF OFF:** An analog surround sound format is output through the back-panel connections for 2-CH audio out or 5.1 CH audio out.
2. **SPDIF/RAW or SPDIF/PCM:** This surround sound format is output to a Dolby Digital/DTS decoder through the coaxial connector on the back panel of the product.



CAPTIONS: This function allows you to display or hide the caption.

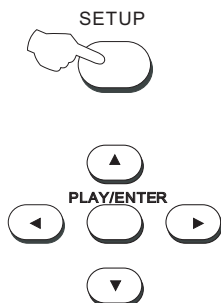
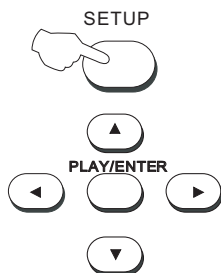


SCREEN SAVER: If the screen saver is on, then there will be an animated picture of DVD on the screen whenever the DVD player is idle for more than 3 minutes.



DVD System Setup(Continued)

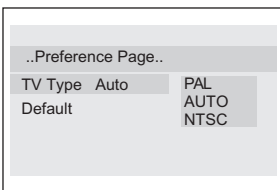
DVD System Setup



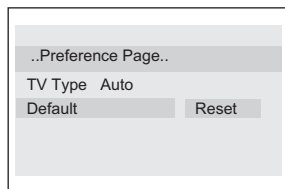
Preference Page

The Preference Page is only available when there is no disc in the player. These settings are applied consistently to all discs which are inserted and played.

TV TYPE: This player supports different TV output, including MULTI(Auto), NTSC, and PAL systems. Usually please set to MULTI.



DEFAULT: Resets all settings (except password and parental lock status) for this DVD player back to the manufacturers original settings. Press ENTER to perform the reset.



Note:

Some functions may not be available depending on the type of disc.

Playable Discs

The following discs can be played:

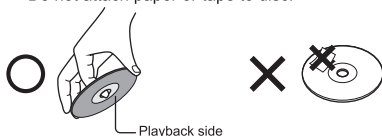
DISCS	LABEL	CONTENTS	DIMENSION
DVD VIDEO		Audio +Video (moving picture)	12cm
			8cm
AUDIO CD		Audio	12cm
			8cm
HDCD		Audio	12cm
			8cm
MP3		Audio	12cm
			8cm
JPEG		Video(picture)	12cm
			8cm
KODAK CD		Video(picture)	12cm
			8cm
CD-R		Audio or Video (moving picture)	12cm
			8cm
CD-RW		Audio or Video (moving picture)	12cm
			8cm
CD+G		Audio(picture)	12cm
			8cm

- You cannot play discs other than those listed above.
- You cannot play non-standard discs, even if they may be labelled as above.
- The performance of CD-R or CD-RW discs depends on the way the disc is prepared
- see under "Special function playback - JPEG disc playback".

Disc Protection and DVD Characteristics

ON HANDLING DISCS

- Do not touch the playback side of the disc.
- Do not attach paper or tape to disc.



ON CLEANING DISCS

- Fingerprints and dust on the disc cause picture and sound deterioration. Wipe the disc from the centre outwards with a soft cloth. Always keep the disc clean.



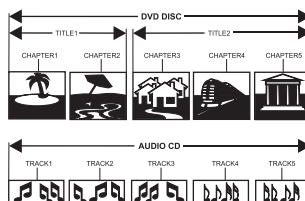
- If you can not wipe off the dust with a soft cloth, wipe the disc lightly with a slightly moistened soft cloth and finish with a dry cloth.
- Do not use any type of solvent such as thinner, benzene, commercially available cleaners or anti-static spray for vinyl Lps. It may damage the disc.

ON STORING DISCS

- Do not store discs in a place subject to direct sunlight or near heat source.
- Do not store discs in place subject to moisture and dust such as a bathroom or near a humidifier.
- Store discs vertically in a case. Stacking or placing object on discs outside of their case may cause warping.

STRUCTURE OF DISC CONTENTS

Normally, DVD discs are divided into titles, and the titles are sub-divided into chapters. Audio CD are divided into tracks.



Each title, chapter, or track is assigned a number, which is called title number, chapter number or track number respectively.

There may be discs that do not have these number.

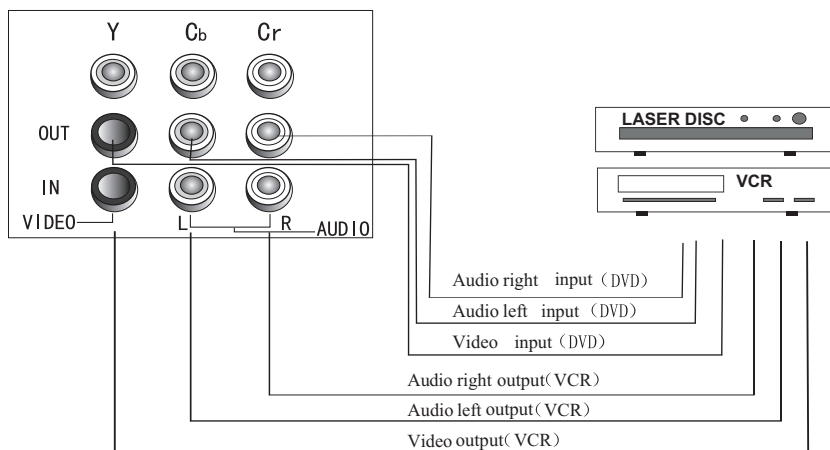
Compare DVD disc with other discs:

	DVD				LD	SVCD	VCD	CD
Encode method	Digital/MPEG II				Analog	Digital	Digital/MPEG I	Digital
Capacity	Single-side single-layer 4.7G	Double-side single-layer 8.5G	Single-side double-layer 9.4G	Double-side double-layer 17G		650MB	650MB	650MB
Playing Time	133 minutes	242 minutes	266 minutes	484 minutes		45 minutes	74 minutes	74 minutes
Disc diameter	12cm/8cm				30cm/20cm	12cm	12cm	12cm/8cm
Horizontal resolution	More than 500 line				No more than 430 line	No more than 350 line	No more than 250 line	
Picture proportion	Multiple kinds				One kind	One kind	One kind	
Subtitle	32 kinds				16 kinds at most	4 kinds		
Language	8 kinds				4 kinds at most	4 kinds at most	2 kinds	
Sound quality	48KHz, 96KHz/ 6, 20, 24bit				44.1KHz/ 16bit	44.1KHz/ 16bit	44.1KHz/ 16bit	44.1KHz/ 16bit

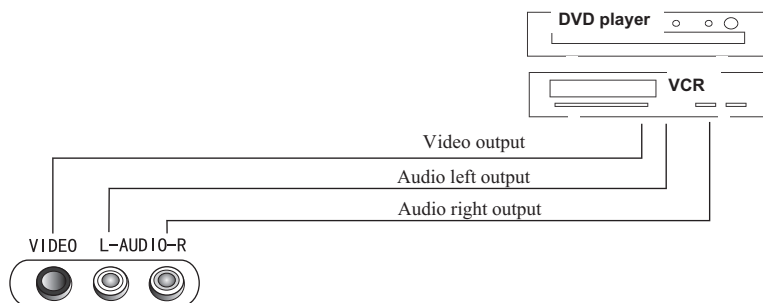
Connecting the TV set to the other video and audio equipment

Connection of AV input/output terminal

The figure below shows how to connect external equipment using AV signals.



There is also an AV input on the side of your television. Use the Left Audio input (white terminal on the TV), if you are connecting equipment with mono sound. The MONO sound will be delivered by both left and right speakers.



Troubleshooting guide

TV troubleshooting

BREAKDOWN PHENOMENON		CHECKING
PICTURE	SOUND	
 Picture with snow	 Noise	The aerial direction and connection
 Double or Triple Image	 Normal	This is called ghosting which can be minimized with an outside aerial, and good quality cable and terminations. Altering the aerial direction can also minimize this effect.
 Disturb	 Noise	Electrical interference which can be caused by cars, motorbikes etc, Fluorescent lamps and dirty insulators on overhead power cables.
 Normal	 No sound	Volume Sound mute
 No Picture	 No sound	Ensure that the power supply is connected to the TV set and turned on. Also ensure that the TV set is not in "Listen Mode" or that the brightness and contrast are not turned down.
 No colour	 Normal volume	Adjust colour control
 Scramble	 Normal or Weak Volume	Adjust channel again
 Colour Spot	 Normal volume	Colour Purity fault which can be caused by moving the TV set, placing magnets near the TV screen or turning on/off household appliances such as vacuum cleaners near the TV set. Turn the TV off with the mains power switch for 15 minutes. When the power is turned on again the TV set will automatically demagnetise the screen. In severe cases you may need to repeat this process.

Troubleshooting guide

DVD and general troubleshooting

Problems	Things to check or try
Power System does not turn on, or does not respond to controls.	● Make sure AC mains plug is secure in the outlet, and outlet has power. ● Make sure main power switch is on. ● Disconnect the main supply, wait 5 minutes and re-connect. If the unit still does not respond, disconnect the mains again and call a service engineer.
DISC Disc won't play	● Make sure FUNCTION is set to DVD mode. ● Make sure disc label is facing up. ● Make sure disc is clean and not damaged. Try another disc. ● The region number of the disc doesn't match this unit. ● If there has been a sudden change in temperature, condensation may have formed on the laser pickup lens. Open the disc tray and wait for it to dry out.
PICTURE Picture freezes or has block effects.	● Make sure disc is clean and not badly scratched. ● Vibration can cause the pickup to stop reading data.
Picture is all lines and breaking up on external monitor or television. Picture has no colour on external monitor or television	● Disc is in NTSC video standard and TV is completely incompatible with it. Using the DVD set-up menu and viewing the TV-DVD screen, set TV TYPE on Preference page to PAL (to suit PAL television).
SOUND No sound or very quiet sound.	● The player is in pause, slow-motion, fast forward or reverse mode. Press the PLAY button to return to normal play mode. ● Check the volume control. ● DTS sound cannot be decoded by this TV-DVD player. ● Use an external digital decoder-amplifier connected to the coaxial digital output or select another sound type if available on the disc. ● Make sure SPDIF output mode in set-up menu is correct type according to instructions for external digital decoder-amplifier, if you are using one. ● Check connections to external amplifier.
REMOTE Wrong functions, short range	● Insert new batteries ● Aim from straight in front of the remote sensor.

Specifications

Specifications

Model	DVTV5190F
Colour system	PAL, NTSC PLAYBACK
Sound system	BG
Picture tube	21"colour picture tube (51cm viewable)
Sound output power	2X2W (10% THD)
Power requirements	AC 240V~ 50Hz
Power consumption	≤ 80W
Dimension	504 (Width) x482 (Depth) x512 (Height) (mm)
Accessories	Remote control X1 Owner's manual X1 Battery(AA) X2

Improvements may result in changes to features or specifications without prior notice.



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